

CLAIMS

What is claimed is:

1. Flexible laminate for covering and protecting surfaces, characterized by consisting of two layers, one below constituted by an unwoven polyester material saturated with a foamed plastisol to generate a lower adherent surface, and the other consisting of an upper decorative film of flexible PVC, both joined together by an adhesive.
2. A flexible laminate for covering and protecting surfaces, as per 1. above, with the characteristic that the flexible PVC film can be engraved, imprinted, stamped or any combination thereof.
3. A flexible laminate for covering and protecting surfaces, as per 1. above, with the characteristic that its thickness is 34 or more thousands of an inch.
4. A flexible laminate for covering and protecting surfaces, as per 1. above, with the characteristic that the foamed plastisol generates an irregular lower surface with heterogeneously distributed spaces covered with foamed material and spaces free of foamed material, also distributed heterogeneously, that provide a greater capacity for adherence to the surfaces to be covered.
5. A manufacturing method for flexible laminate for covering and protecting surfaces that is characterized by the following steps:
 - supply unwoven polyester,
 - apply foamed plastisol to the upper surface of the unwoven polyester;
 - cure the unwoven polyester saturated with foamed plastisol in a curing oven;
 - cool the unwoven polyester saturated with foamed plastisol, once cured;
 - apply adhesive to the lower face of the polyester;

supply the flexible PVC decorative laminate to the lower face of the polyester covered
with the adhesive;

apply pressure to the assembled laminate;

accumulate the laminate; and

collect the laminate.